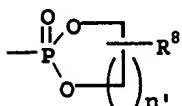
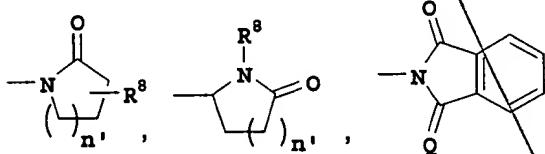


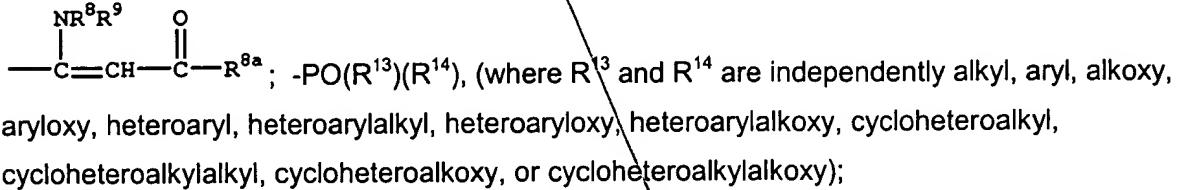
arylsulfinyl, arylsulfonyl, thio, alkylthio, alkylsulfinyl, alkylsulfonyl, heteroarylthio, heteroarylsulfinyl, heteroarylsulfonyl, halogen, haloalkyl, polyhaloalkyl, polyhaloalkoxy, aminothio, aminosulfinyl, aminosulfonyl, alkyisulfonylamino, alkenylsulfonylamino, alkynylsulfonylamino, arylsulfonylamino, heteroarylsulfonylamino, heteroarylaminocarbonyl, hydroxy, acyl, carboxy, alkylcarbonylamino, arylcarbonyloxy, arylcarbonylamino, heteroarylcarbonyloxy, heteroarylcarbonylamino, cyano, nitro, alkenylcarbonylamino, alkynylcarbonylamino, alkylaminocarbonylamino, alkenylaminocarbonylamino, alkynylaminocarbonylamino, arylaminocarbonylamino, heteroarylaminocarbonylamino, alkoxycarbonylamino, alkenyloxycarbonylamino, alkynyloxycarbonylamino, aryloxycarbonylamino, heteroaryloxycarbonylamino, aminocarbonylamino, alkylaminocarbonyloxy, alkoxycarbonylamino, I,I-(alkoxyl or aryloxy)<sub>2</sub>alkyl (where the two aryl or alkyl substituents can be independently defined, or linked to one another to form a ring), S(O)<sub>2</sub>R<sup>6</sup>R<sup>7</sup>, -NR<sup>6</sup>(C=NR<sup>7</sup>)alkyl, -NR<sup>6</sup>(C=NR<sup>7</sup>)alkenyl,



### pyridine-N-oxide,

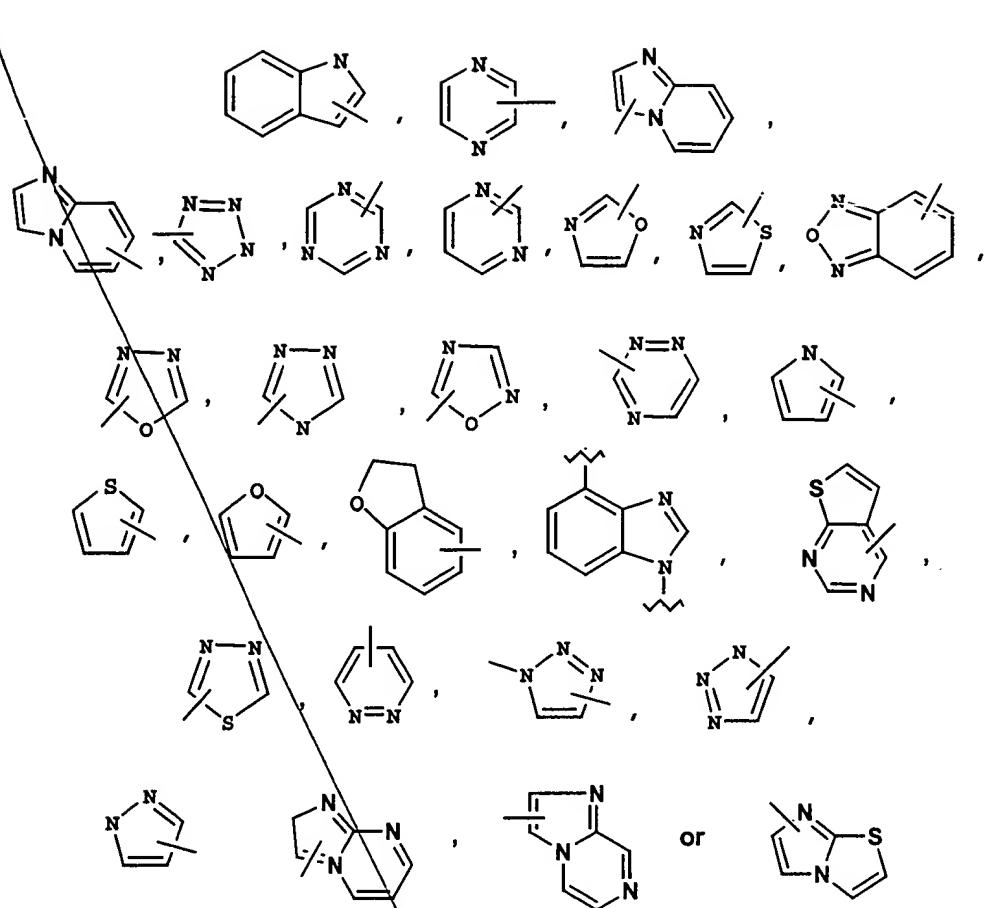


(where Q is O or H<sub>2</sub> and n' is 0, 1, 2 or 3) or



$R^6, R^7, R^8, R^{8a}$  and  $R^9$  are the same or different and are independently hydrogen, alkyl, haloalkyl, aryl, heteroaryl, arylalkyl, cycloalkyl, (cycloalkyl)alkyl, or cycloheteroalkyl;

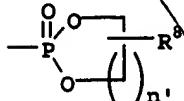
and R<sup>1</sup> may be unsubstituted or substituted with from one to five substituents; and wherein the R<sup>1</sup> heteroaryl group is selected from



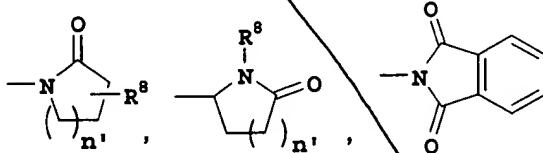
$R^2$ ,  $R^3$  and  $R^4$  are the same or different and are independently H, alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyoxy, (alkyl or aryl)3Si (where each alkyl or aryl group is independent), cycloalkyl, cycloalkenyl, amino, alkylamino, dialkylamino, alkenylamino, alkynylamino, arylalkylamino, aryl, arylalkyl, arylamino, aryloxy, cycloheteroalkyl, cycloheteroalkylalkyl, heteroaryl, heteroarylamino, heteroaryloxy, arylthio, arylsulfinyl, arylsulfonyl, thio, alkylthio, alkylsulfinyl, alkylsulfonyl, heteroarylthio, heteroarylsulfinyl, heteroarylsulfonyl, halogen, haloalkyl, polyhaloalkyl, polyhaloalkoxy, aminothio, aminosulfinyl, aminosulfonyl, alkylsulfonylamino, alkylsulfonylaminol, alkynylsulfonylamino, arylsulfonylamino, heteroarylsulfonylamino, alkylaminocarbonyl, arylaminocarbonyl, heteroarylaminocarbonyl, hydroxy, acyl, carboxy, aminocarbonyl, alkylcarbonyl, alkoxy carbonyl, alkylcarbonyloxy, alkylcarbonylamino, arylcarbonyl, arylcarbonyloxy, arylcarbonylamino, heteroarylcarbonyl, heteroarylcarbonyloxy, heteroarylcarbonylamino, cyano, nitro, alkenylcarbonylamino, alkynylcarbonylamino, alkylaminocarbonylamino, alkenylaminocarbonylamino, alkynylaminocarbonylamino, arylaminocarbonylamino, heteroarylaminocarbonylamino, alkoxy carbonylamino, alkenyloxycarbonylamino, alkynyloxycarbonylamino, aryloxycarbonylamino, heteroaryloxycarbonylamino,

aminocarbonylamino, alkylaminocarbonyloxy, alkoxy carbonylamino, 1,1-(alkoxyl or aryloxy)2alkyl (where the two aryl or alkyl substituents can be independently defined, or linked to one another to form a ring),  $S(O)2R^6R^7$ ,  $-NR^6(C=NR^7)alkyl$ ,  $-NR^6(C=NR^7)alkenyl$ ,

$-NR^6(C=NR^7)alkynyl$ ,  $-NR^6(C=NR^7)heteroaryl$ ,  $-NR^8(C=NCN)-amino$ ,



pyridine-N-oxide,

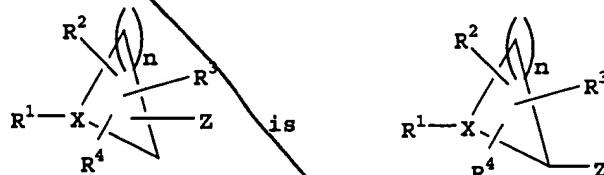


(where Q is O or  $H_2$  and  $n'$  is 0, 1, 2 or 3) or

$NR^8R^9$   $\begin{array}{c} O \\ || \\ C=CH-C-R^{8a} \end{array}$ ; tetrazolyl, pyrazolyl, pyridyl, thiazolyl, pyrimidinyl, imidazole, oxazole, or triazole,  $-PO(R^{13})(R^{14})$ , (where  $R^{13}$  and  $R^{14}$  are independently alkyl, aryl, alkoxy, aryloxy, heteroaryl, heteroarylalkyl, heteroaryloxy, heteroarylalkoxy, cycloheteroalkyl, cycloheteroalkylalkyl, cycloheteroalkoxy, or cycloheteroalkylalkoxy); and may be optionally independently substituted with from one to five substituents, which may be the same or different;

including pharmaceutically acceptable salts thereof, prodrugs thereof, and all stereoisomers thereof. --

--14. (Amended) The compound as defined in Claim I wherein the moiety

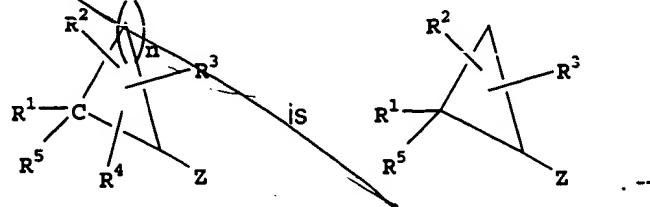


--19. (Twice Amended) The compound as defined in Claim I wherein the  $R^1$  heteroaryl group is

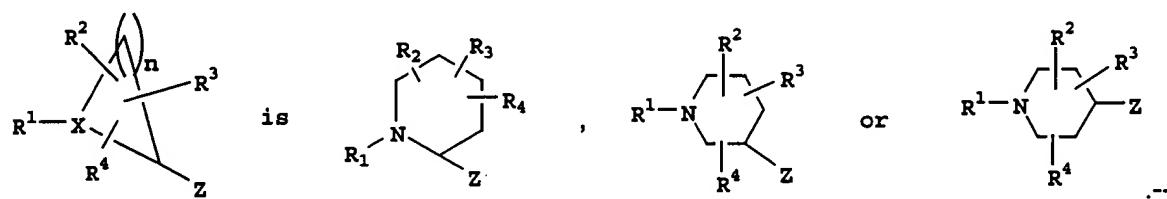


*C4*  
*Cathedral*

--21. (Amended) The compounds as defined in Claim 11 wherein

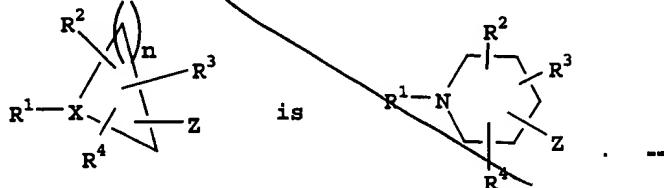


--22. (Twice Amended) The compound as defined in Claim 14 wherein



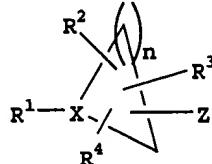
*C5*  
*Sub*  
*G*

--24. (Twice Amended) The compound as defined in Claim 14 wherein



*C6*  
*Sub*  
*B3*

--64. (Amended) A compound having the structure



wherein n is 4;

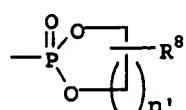
X is N;

Z is a heteroaryl group;

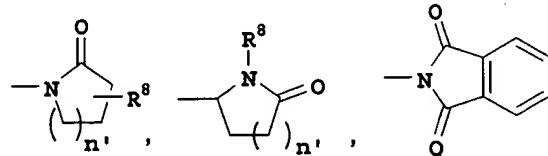
*R<sup>1</sup>* is tetrazolyl, pyrazolyl, thiazolyl, pyrimidinyl, , oxazole, or triazole;

*R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, R<sup>8a</sup> and R<sup>9</sup>* are the same or different and are independently hydrogen, alkyl, haloalkyl, aryl, heteroaryl, arylalkyl, cycloalkyl, (cycloalkyl)alkyl, or cycloheteroalkyl;

and R<sup>1</sup> may be unsubstituted or substituted with from one to five substituents;  
 R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are the same or different and are independently H, alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, (alkyl or aryl)<sub>3</sub>Si (where each alkyl or aryl group is independent), cycloalkyl, cycloalkenyl, amino, alkylamino, dialkylamino, alkenylamino, alkynylamino, arylalkylamino, aryl, arylalkyl, arylamino, aryloxy, cycloheteroalkyl, cycloheteroalkylalkyl, heteroaryl, heteroarylamino, heteroaryloxy, arylthio, arylsulfinyl, arylsulfonyl, thio, alkylthio, alkylsulfinyl, alkylsulfonyl, heteroarylthio, heteroarylsulfinyl, heteroarylsulfonyl, halogen, haloalkyl, polyhaloalkyl, polyhaloalkoxy, aminothio, aminosulfinyl, aminosulfonyl, alkylsulfonylamino, alkenylsulfonylamino, alkynylsulfonylamino, arylsulfonylamino, heteroarylsulfonylamino, alkylaminocarbonyl, arylaminocarbonyl, heteroarylaminocarbonyl, hydroxy, acyl, carboxy, aminocarbonyl, alkylcarbonyl, alkoxy carbonyl, alkylcarbonyloxy, alkylcarbonylamino, arylcarbonyl, arylcarbonyloxy, arylcarbonylamino, heteroarylcarbonyl, heteroarylcarbonyloxy, heteroarylcarbonylamino, cyano, nitro, alkenylcarbonylamino, alkynylcarbonylamino, alkylaminocarbonylamino, alkenylaminocarbonylamino, alkynylaminocarbonylamino, alkynylaminocarbonylamino, arylaminocarbonylamino, heteroarylaminocarbonylamino, alkoxy carbonylamino, alkenyloxycarbonylamino, alkynyloxycarbonylamino, aryloxycarbonylamino, heteroaryloxycarbonylamino, aminocarbonylamino, alkylaminocarbonyloxy, alkoxy carbonylamino, I,I-(alkoxyl or aryloxy)2alkyl (where the two aryl or alkyl substituents can be independently defined, or linked to one another to form a ring), S(O)<sub>2</sub>R<sup>6</sup>R<sup>7</sup>, -NR<sup>6</sup>(C=NR<sup>7</sup>)alkyl, -NR<sup>6</sup>(C=NR<sup>7</sup>)alkenyl, -NR<sup>6</sup>(C=NR<sup>7</sup>)alkynyl, -NR<sup>6</sup>(C=NR<sup>7</sup>)heteroaryl, -NR<sup>8</sup>(C=NCN)-amino,



pyridine-N-oxide,



(where Q is O or H<sub>2</sub> and n' is 0, 1, 2 or 3) or

